

and pivot axis 916. For one alternative embodiment of the transformable computing device, pivot axis 917 and pivot axis 918 function as a double acting hinge. For another alternative embodiment of the transformable computing device, pivot axis 916 and pivot axis 918 function as a second double acting hinge.

[0064] FIG. 9b illustrates a second user interactive configuration of the computing device of FIG. 9a with the keyboard housing 911 covering part of the display area 914 to place the display device in a mode of reduced power consumption while another part 924 of the display area remains visible and interactive. Keyboard housing 911 is displaced about pivot axis 916 and also about pivot axis 918 from the position of the first user interactive configuration to a position substantially coplanar with display area 914 in the second user interactive configuration.

[0065] FIG. 9c illustrates a third user interactive configuration of the computing device of FIG. 9a with a fully active display area 914 and with the base housing 912 pivotally displaced about pivot axis 917 forming an angle 910 with a back surface opposite display area 914 of substantially 90 degrees to support the computing device from behind the display. Keyboard housing 911 forms an angle 913 about pivot axis 916 and pivot axis 918 with the front surface of display area 914 of substantially 90 degrees or more.

[0066] FIG. 9d illustrates a fourth user interactive configuration of the computing device of FIG. 9a with the keyboard housing 911 pivotally displaced about pivot axis 916 and pivot axis 918 to a position substantially coplanar with display area 914 to place the display device in a mode of reduced power consumption. While keyboard housing 911 covers part of the display area 914, another part 924 of the display area remains visible and interactive. Base housing 912 is pivotally displaced about pivot axis 917 forming an angle 910 with the back surface opposite display area 914 of substantially 90 degrees to support the computing device from behind the display.

[0067] FIG. 9e illustrates a fifth user interactive configuration of the computing device of FIG. 9a with a fully active display area 914 and with the base housing 912 pivotally displaced about pivot axis 917 and pivot axis 918 to a coplanar position adjacent with the back surface of the display. Keyboard housing 911 again forms an angle 913 about pivot axis 916 and pivot axis 918 with the front surface of display area 914 of substantially 90 degrees or more.

[0068] FIG. 9f illustrates a sixth user interactive configuration of the computing device of FIG. 9a with the keyboard housing 911 pivotally displaced about pivot axis 916 and pivot axis 918 to a mode of reduced power consumption while the base housing 912 is pivotally displaced about pivot axis 917 and pivot axis 918 to a coplanar position adjacent with the back surface of the display. While keyboard housing 911 covers part of the display area 914, another part 924 of the display area remains visible and interactive. For one embodiment of the computing device, display area 914 is deactivated to transmit user input in the coplanar position adjacent with keyboard housing 911. For an alternative embodiment of the computing device, part 924 of the display area 914 is activated to transmit user input in the coplanar position adjacent with keyboard housing 911 but the covered part of display area 914 and keyboard housing 911 are deactivated.

[0069] FIG. 9g illustrates a closed standby or shut down configuration of the computing device of FIG. 9a. Keyboard housing 911 is pivotally displaced about pivot axis 916 and pivot axis 918 and base housing 912 is pivotally displaced about pivot axis 917 and pivot axis 918 to substantially coplanar positions adjacent with display area 914. The computing device, sensing the closed position of base housing 912 with respect to display area 914 enters a standby or shut down configuration.

[0070] FIG. 10 illustrates an alternative embodiment of a computing device 1000 having a display device 1014 and a keyboard housing 1011, which is pivotally attached with display device 1014 proximate edge 1015. For one embodiment of computing device 1000, keyboard housing 1011 is pivotally displaceable about edge 1015 from a first position substantially coplanar with the surface of the display device 1014 wherein a portion of the display area of display device 1014 is visually obscured by keyboard housing 1011 and is not active to display output or to transmit user input. For one embodiment of computing device 1000, keyboard housing 1011 is active to transmit user input when in this first position. Keyboard housing 1011 is also displaceable to a second position with the surface of display device 1014 wherein the bottom portion of the display area is visible and the entire display area of display device 1014 is active to display output and to transmit user input (for example from a touch of a stylus, digit, light pen or other device).

[0071] FIG. 11 illustrates one alternative embodiment of a user interactive configuration of a computing device in a mode of reduced power consumption with a keyboard housing 1111 pivotally attached about pivot axis 1116 and covering a portion of the display area of display device 1113 while the display area 1114 remains visible and interactive, a base housing 1112 being pivotally displaced about pivot axis 1117 and pivot axis 1118 to a coplanar position adjacent with the back surface of display device 1113. For one embodiment keyboard housing 1111 is pivotally displaceable about a double acting hinge comprising pivot axis 1116 and pivot axis 1119 attached with base housing 1112. For another embodiment keyboard housing 1111 comprises a detachable and/or reversible keyboard. For one alternative embodiment display device 1113 is pivotally displaceable about a double acting hinge comprising pivot axis 1118 and pivot axis 1117 attached with base housing 1112. For another alternative embodiment keyboard housing 1111 is pivotally displaceable about pivot axis 1116 and/or pivot axis 1118 attached with display device 1113.

[0072] FIG. 12 illustrates another alternative embodiment of a user interactive configuration of a computing device with a fully active display area 1214, a base housing 1212 being pivotally displaced about pivot axis 1217 and pivot axis 1218 to a coplanar position adjacent with the back surface of the display 1213, and a keyboard housing 1211 being pivotally displaced about pivot axis 1216 and pivot axis 1219 to a coplanar position adjacent with the base housing 1212. For one embodiment of the computing device, the entire display area 1214 of display 1213 is active to display output and to transmit user input.

[0073] FIG. 13 illustrates a closed standby or shut down configuration of the computing device of FIG. 11 or of FIG. 12. A keyboard housing is pivotally displaced about pivot axis 1316 and optionally about pivot axis 1319. Base hous-